

**BY ORDER OF THE CHIEF,  
NATIONAL GUARD BUREAU**



**AIR FORCE INSTRUCTION 21-112**

**AIR NATIONAL GUARD  
Supplement 1**

**15 APRIL 2005**

**Maintenance**

**AIRCREW EGRESS SYSTEMS MAINTENANCE**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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OPR: ANG/LGMM (MSgt M. J. Terwilliger)      Certified by: ANGRC/CV (Lt Col S. Wassermann)  
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**Air Force Instruction (AFI) 21-112, *Aircrew Egress Systems Maintenance*, 7 September 2001, is supplemented as follows.** This supplement applies to all Air National Guard (ANG) flying units. (NOTE: All Paragraph references refer to AFI 21-112, unless otherwise stated.) Send comments and suggested improvements to this supplement on AF IMT 847, *Recommendation for Change of Publication*, through channels to Air National Guard/Logistics Maintenance Management (ANG/LGMM), 3500 Futchet Avenue, Andrews AFB, MD 20762-5157.

1.2. Egress Augmentees may be used as part of an egress maintenance team to perform on-equipment maintenance, such as ejection seat and canopy removals or installations and egress final inspections. At least one member of the egress maintenance team will be a certified egress journeyman or civilian equivalent. Augmentees will not be used to perform egress off-equipment maintenance actions.

1.2.1. (Added) Augmentees will possess a 7-Level in their primary AFSC.

1.2.2. (Added) Augmentees use will be kept to a minimum. Augmentees are not intended to replace an egress technician.

1.3.1. (Added) Survival equipment shop supervision Air Force Specialty Code (AFSC 2A7X4) is the focal point concerning parachute system technical issues.

1.3.2. (Added) Removal and installation of emergency oxygen cylinders, lines, and quick disconnects attached to ejection seats will be accomplished by egress personnel (AFSC 2A6X3).

3.1. (Added) Egress systems maintenance, to include egress final inspections, will not be performed on aircraft while on jacks, except when explicitly called for in technical data.

5.1.1. (Added) Authority to determine whether or not an egress certified (AFSC 2A653) Staff Sergeant or higher is required to attend the specific Organizational Maintenance (O/M) course is delegated to the egress workcenter supervisor. Providing the provisions of AFI 21-112, Paragraph 5.1., are met and the appointed egress workcenter supervisor is certified as a 2A673. Additionally, the egress workcenter supervisor must meet all provisions of AFI 21-112, Paragraph 4.1.

5.2.1. (Added) Certification pass/fail criteria is delegated to the egress workcenter supervisor, provided the egress workcenter supervisor is certified as a 2A673 and has met all provisions of AFI 21-112, Paragraph 4.1.

8.5.1. (Added) Egress augmentees who have not performed egress systems maintenance in 180 days will be recertified in accordance with Paragraph 5.2. Instructing and inspecting egress maintenance is not considered performing maintenance.

12.1.1. (Added) Egress section personnel must ensure acceptance inspection requirements, according to TO 00-20-1, Aerospace Equipment Maintenance Inspection, Documentation, Policies, And Procedures, Paragraph 4.5., are completed on all aircraft newly assigned or aircraft returning from depot. A complete record review will be accomplished. All corrections will be documented/updated and forwarded to the plans, scheduling, and documentation section.

12.4.1. (Added) If egress final inspections are not performed in conjunction with ALS 30 day inspections, egress workcenter supervisor will establish procedures with schedulers to ensure no aircraft go overdue inspections when away from home station.

12.5.1. (Added) Egress system component, cartridge-actuated device (CAD) and propellant-actuated devices (PAD) cannibalization actions are considered "High-Risk" and should not be performed unless priority aircraft are involved, or lack of ready equipment will impede mission accomplishment.

**Attachment 1**

**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION**

***References***

TO 00-20-1, *Aerospace Equipment Maintenance Inspection, Documentation, Policies, and Procedures*

***Abbreviations and Acronyms***

**AFI**—Air Force Instruction

**ANG**—Air National Guard

**ALS**— Aircrew Life Support

**AFSC**— Air Force Specialty Code

**CAD**— Cartridge-Actuated Device

**LSS**—Life Support Superintendent

**O/M**— Organizational Maintenance

**PAD**—Propellant-Actuated Devices

DANIEL JAMES III, Lieutenant General, USAF  
Director, Air National Guard